


Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	33	(server or service) with engine with interface with implementation	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:17
L2	2	(server or service) with engine with interface with implementation same dynamic\$	US-PGPUB; USPAT	OR	OFF	2005/06/25 09:41
L3	0	(server or service) with engine with interface with implementation same realiz\$	US-PGPUB; USPAT	OR	OFF	2005/06/25 09:41
L4	0	(server or service) with engine with interface with implementation same vtable	US-PGPUB; USPAT	OR	OFF	2005/06/25 09:41
L5	0	(server or service) with engine same interface same implementation same vtable	US-PGPUB; USPAT	OR	OFF	2005/06/25 09:42
L6	0	(server or service) with engine same vtable	US-PGPUB; USPAT	OR	OFF	2005/06/25 09:42
L8	421	(server or service) with engine same proxy	US-PGPUB; USPAT	OR	OFF	2005/06/25 09:42
L9	38	(server or service) with engine same proxy same table	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:55
L10	0	(server or service) with engine same proxy same v adj table	US-PGPUB; USPAT	OR	OFF	2005/06/25 09:43
L11	0	(server or service) with engine same proxy same virtual adj table	US-PGPUB; USPAT	OR	OFF	2005/06/25 09:44
L12	0	(server or service) with engine same proxy same (virtual or dispatch\$ or method) adj table	US-PGPUB; USPAT	OR	OFF	2005/06/25 09:45
L13	16	(server or service) with (engine or framework) same interface same implementation same dynamic\$	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:15
L14	0	(server or service) with (engine or framework) same interface same implementation same dynamic\$ same table	US-PGPUB; USPAT	OR	OFF	2005/06/25 09:46
L15	15	("5506984" "5832506" "5974547" "6009274" "6016499" "6066182" "6161176" "6167449" "6199081" "6317826" "6343287" "6345294" "6345300" "6442620" "6457066").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/25 09:52

L16	15	("5193110" "5297285" "5339430" "5388258" "5517562" "5555418" "5572727" "5627888" "5860004" "5864862" "5928335" "5995945" "6032199" "6044224" "6049819").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/25 10:12
L17	1	"4425618".PN.	USPAT; USOCR	OR	OFF	2005/06/25 10:02
L18	407	719/331-332.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/25 11:00
L19	2326	719/330.ccls. or 719/328.ccls. or 719/315-316.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/25 10:13
L20	36368	709/203.ccls. or 709/217-219.ccls. or "707"/\$.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/25 10:14
L23	2	13 and 18	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:16
L24	38379	18 or 19 or 20	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:16
L26	11	24 and 1	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:17
L27	1	proxy adj v adj table	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:23
L28	0	(server or service) with engine same proxy same table	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/25 10:55
L29	30	(server or service) with engine same proxy	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/25 10:55
L30	60	(server or service) with engine same table	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/25 10:55
L31	0	(server or service) with engine same vtable	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/25 10:57
L32	155	(server or service) with engine with framework	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:58
L33	1	(server or service) with engine with framework same plugin	US-PGPUB; USPAT	OR	OFF	2005/06/25 10:58
L34	1	(server or service) with engine with framework same plugin	US-PGPUB; USPAT	OR	ON	2005/06/25 10:58
L35	1	719/331-332.ccls. and plugin with vtable	US-PGPUB; USPAT; USOCR	OR	OFF	2005/06/25 11:00

S1	1	("20030010312").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/25 09:38
S2	1	("20030110312").PN.	US-PGPUB; USPAT	OR	OFF	2005/06/23 14:49
S6	1	S2 and (dynamic\$ adj customiz\$)	US-PGPUB; USPAT	OR	OFF	2005/06/23 15:32
S7	537	server adj engine	US-PGPUB; USPAT	OR	OFF	2005/06/23 15:33
S8	5	server adj engine same implementation same interface	US-PGPUB; USPAT	OR	OFF	2005/06/23 15:39
S9	2	proxy adj (vtable or v adj table)	US-PGPUB; USPAT	OR	OFF	2005/06/23 16:22
S10	13	proxy with (vtable or v adj table)	US-PGPUB; USPAT	OR	OFF	2005/06/23 16:41
S11	0	proxy with (vtable or v adj table)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/06/23 16:41


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The "AND" operator is unnecessary -- we include all search terms by default. [\[details\]](#)

Web

Results 1 - 10 of about 5,490 for server engine and vtable. (0.32 seconds)

Tip: Save time by hitting the return key instead of clicking on "search"

Late Binding

A script **engine**/interpreter will read this script line by line and manually execute

... Statement 2: set Foo = **Server**.CreateObject ("FooServer.Foo") ...

www.techvanguards.com/com/concepts/automation.asp - 12k - [Cached](#) - [Similar pages](#)

Late Binding

Because scripts are non-compiled and cannot do **vtable** binding, ... The script **engine** talks to the **server** through IDispatch and only through IDispatch. ...

www.techvanguards.com/com/concepts/automation.htm - 10k - [Cached](#) - [Similar pages](#)

ICertPolicy interface [Security]

Provides communications between the Certificate Services **server engine** and the

... Initialize, Called by the **server engine** to allow the policy module to ...

msdn.microsoft.com/library/en-us/seccrypto/security/icertpolicy.asp - 18k - [Cached](#) - [Similar pages](#)

ICertExit interface [Security]

Methods in **Vtable** Order. The ICertExit interface inherits the methods of the ...

Initialize, Called by the **server engine** when it initializes itself. ...

msdn.microsoft.com/library/en-us/seccrypto/security/icertexit.asp - 17k - [Cached](#) - [Similar pages](#)

FW: [Helix-server-dev] Build problem with latest hlxserv source

server/engine/core/pub/_main.h:64: undefined reference to `vtable for IHXServerShutdownResponse' /usr/bin/ld: Dwarf Error: Invalid or unhandled FORM value: ...

lists.helixcommunity.org/pipermail/helix-server-dev/2004-June/002343.html - 11k - [Cached](#) - [Similar pages](#)

VistaDB Architecture

The VistaDB data **engine** features a "shared file **server**" architecture that ...

vTable.TableName = "Person"; // Open the table and traverse all the records ...

www.vistadb.net/vistadb_architecture.asp - 23k - [Cached](#) - [Similar pages](#)

Symbian OS: Application Engine Development

After active objects the client/**server** architecture within Symbian OS is introduced

... Understand the UI-**engine** and MVC models for Symbian OS applications. ...

www.cekati.com/topic/ms/ms050950.htm - 31k - [Cached](#) - [Similar pages](#)

VFP vs Access - Visual FoxPro Wiki

Vtable binding for improved ActiveX control performance. X. Early binding in code for improved Automation **server** performance ...

fox.wikis.com/wc.dll?Wiki~VFPvsAccess~VFP - 19k - [Cached](#) - [Similar pages](#)

Implementing Microsoft Internet Information Server imp11fi.htm

The ActiveX Scripting **Engine** is an OLE COM object that supports the IOLEScript

... The ActiveX **Server** Framework, another component of ActiveX technologies, ...

docs.rinet.ru/DIIS/imp11fi.htm - 31k - [Cached](#) - [Similar pages](#)

Resume for Steve Sanders

Server engine in C, test environment in Korn shell scripts running on OpenNT.
... levels of multithreading and direct **vtable** binding via dual COM interface. ...
www.scguild.com/Resume/2673R.html - 11k - [Cached](#) - [Similar pages](#)

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server engine and vtable	Search
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 Terms used **server engine framework**

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Best 200 shown

 Relevance scale ☐ ☐ ☐ ☐ ☐

1 [A service management framework for M-commerce applications](#)

Gary Shih, Simon S. Y. Shim

 June 2002 **Mobile Networks and Applications**, Volume 7 Issue 3

Full text available: pdf(650.12 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Mobile commerce (m-commerce) refers to an ability to conduct wireless commerce transactions using mobile applications in mobile devices. M-commerce applications can range from as simple as an address book synchronization to as complicated as credit card transactions. M-commerce is expected to grow dramatically in the near future supporting simple to complex commerce transactions. Even though the Wireless Application Protocol (WAP) is designed to facilitate the development of wireless application ...

Keywords: JINI, WAP, m-commerce, management, mobile devices

2 [Industrial papers: service oriented architectures, middleware: Service Oriented Database Architecture: APP server-lite?](#)

David Campbell

 June 2005 **Proceedings of the 2005 ACM SIGMOD international conference on Management of data**

Full text available: pdf(505.57 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#)

As the capabilities and service levels of enterprise database systems have evolved, they have collided with incumbent technologies such as TP-Monitors or Message Oriented Middleware (MOM). We believe this trend will continue and have architected the upcoming release of SQL Server to advance this technology trend. This paper describes the Service Oriented Database Architecture (SODA) developed for the Microsoft SQL Server DBMS. First, it motivates the need for building Service Oriented Architectu ...

3 [IAMC architecture and prototyping: a progress report](#)

P. Wang, S. Gray, N. Kajler, D. Lin, W. Liao, X. Zou

 July 2001 **Proceedings of the 2001 international symposium on Symbolic and algebraic computation**

Full text available: pdf(840.12 KB)

 Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Internet Accessible Mathematical Computation (IAMC) is a distributed framework to supply mathematical computing powers over the Internet. Presented are conceptual and

experimental work on the IAMC architecture, a client prototype (*Dragonfly*), client GUI, a server prototype (*Starfish*), the Mathematical Computation Protocol (MCP), mathematical data encoding, and the external compute engine interface.

4 On secure and pseudonymous client-relationships with multiple servers

Eran Gabber, Phillip B. Gibbons, David M. Kristol, Yossi Matias, Alain Mayer

November 1999 **ACM Transactions on Information and System Security (TISSEC)**, Volume 2 Issue 4

Full text available:  [pdf\(161.56 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

This paper introduces a cryptographic engine, Janus, which assists clients in establishing and maintaining secure and pseudonymous relationships with multiple servers. The setting is such that clients reside on a particular subnet (e.g., corporate intranet, ISP) and the servers reside anywhere on the Internet. The Janus engine allows each client-server relationship to use either weak or strong authentication on each interaction. At the same time, each interaction preserves privacy by neither ...

Keywords: Janus function, anonymity, mailbox, persistent relationship, privacy, pseudonym

5 Doctoral symposium: A framework for removing redundant context management services in enterprise javaBeans application servers

Mircea Trofin

October 2004 **Companion to the 19th annual ACM SIGPLAN conference on Object-oriented programming systems, languages, and applications**

Full text available:  [pdf\(140.95 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We propose a framework for removing redundant context management services in contextual composition frameworks, with focus on Enterprise JavaBeans. It is expected that by applying our framework, performance can be improved without the loss of modularity.

Keywords: COTS, EJB, adaptation, optimization

6 Student research competition: A framework for removing redundant context management services in enterprise javaBeans application servers

Mircea Trofin

October 2004 **Companion to the 19th annual ACM SIGPLAN conference on Object-oriented programming systems, languages, and applications**

Full text available:  [pdf\(140.95 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

We propose a framework for removing redundant context management services in contextual composition frameworks, with focus on Enterprise JavaBeans. It is expected that by applying our framework, performance can be improved without the loss of modularity.

Keywords: COTS, EJB, adaptation, optimization

7 Session 8: systems support for multimedia: Cost-effective streaming server implementation using Hi-tactix

Damien Le Moal, Tadashi Takeuchi, Tadaaki Bandoh

December 2002 **Proceedings of the tenth ACM international conference on Multimedia**

Full text available:  pdf(271.85 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

High performance and high quality for continuous media stream delivery needed by streaming server systems cannot be achieved efficiently using general-purpose operating systems, due to the overhead of the I/O mechanism implementation generally used. Special OS combined with powerful hardware can deliver better performance and quality but increases development complexity and deployment costs. The External I/O Engine Architecture adopts a hybrid approach, implementing streaming engines using the s ...

Keywords: audio/video streaming, operating system, quicktime, real-time

8 The Desert environment

Steven P. Reiss

October 1999 **ACM Transactions on Software Engineering and Methodology (TOSEM)**,
Volume 8 Issue 4

Full text available:  pdf(868.64 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The Desert software engineering environment is a suite of tools developed to enhance programmer productivity through increased tool integration. It introduces an inexpensive form of data integration to provide additional tool capabilities and information sharing among tools, uses a common editor to give high-quality semantic feedback and to integrate different types of software artifacts, and builds virtual files on demand to address specific tasks. All this is done in an open and extensible ...

Keywords: integrated programming environments, program editors

9 Extending a persistent object framework to enhance enterprise application server performance

John Grundy, Steve Newby, Thomas Whitmore, Peter Grundeman

January 2002 **Australian Computer Science Communications , Proceedings of the thirteenth Australasian conference on Database technologies - Volume 5**,
Volume 24 Issue 2

Full text available:  pdf(795.08 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

High-volume transaction processing speed is critical for adequate performance in many enterprise application servers. We describe our experiences using an object-oriented persistency framework to achieve greatly enhanced server response by the transparent use of main-memory database technology. We took an application server whose data persistency is abstracted via a persistent object framework and replaced a version of the framework using a relational database for persistency with one that uses ...


Keywords: main-memory databases, persistent object frameworks, transaction processing performance

10 A framework for distributed object-oriented multimodeling and simulation

Robert M. Cubert, Paul A. Fishwick

December 1997 **Proceedings of the 29th conference on Winter simulation**

Full text available: Additional Information:

 [pdf\(954.65 KB\)](#)[full citation](#), [references](#), [index terms](#)

11 Business-to-business interactions: issues and enabling technologies

B. Medjahed, B. Benatallah, A. Bouguettaya, A. H. H. Ngu, A. K. Elmagarmid
May 2003 **The VLDB Journal – The International Journal on Very Large Data Bases**,
Volume 12 Issue 1

Full text available:  [pdf\(558.34 KB\)](#) Additional Information: [full citation](#), [abstract](#), [citations](#), [index terms](#)

Business-to-Business (B2B) technologies pre-date the Web. They have existed for at least as long as the Internet. B2B applications were among the first to take advantage of advances in computer networking. The Electronic Data Interchange (EDI) business standard is an illustration of such an early adoption of the advances in computer networking. The ubiquity and the affordability of the Web has made it possible for the masses of businesses to automate their B2B interactions. However, several issues ...

Keywords: B2B Interactions, Components, E-commerce, EDI, Web services, Workflows, XML

12 Recovery guarantees for Internet applications

Roger Barga, David Lomet, German Shegalov, Gerhard Weikum
August 2004 **ACM Transactions on Internet Technology (TOIT)**, Volume 4 Issue 3


Full text available:  [pdf\(997.52 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Internet-based e-services require application developers to deal explicitly with failures of the underlying software components, for example web servers, servlets, browser sessions, and so forth. This complicates application programming, and may expose failures to end users. This paper presents a framework for an application-independent infrastructure that provides recovery guarantees and masks almost all system failures, thus relieving the application programmer from having to deal with these failures ...

Keywords: Exactly-once execution, application recovery, communication protocols, interaction contracts

13 AutoAdmin “what-if” index analysis utility

Surajit Chaudhuri, Vivek Narasayya
June 1998 **ACM SIGMOD Record , Proceedings of the 1998 ACM SIGMOD international conference on Management of data**, Volume 27 Issue 2

Full text available:  [pdf\(1.52 MB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

As databases get widely deployed, it becomes increasingly important to reduce the overhead of database administration. An important aspect of data administration that critically influences performance is the ability to select indexes for a database. In order to decide the right indexes for a database, it is crucial for the database administrator (DBA) to be able to perform a quantitative analysis of the existing indexes. Furthermore, the DBA should have the ability to propose ...

14 IRIS hypermedia services

Bernard J. Haan, Paul Kahn, Victor A. Riley, James H. Coombs, Norman K. Meyrowitz
January 1992 **Communications of the ACM**, Volume 35 Issue 1


Full text available:  [pdf\(5.66 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#), [review](#)

Keywords: IRIS hypermedia services, hypermedia, hypertext, intermedia

15 Software engineering environment: Rule-based process servers for software development environments

Steven S. Popovich

November 1992 **Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 1**

Full text available:  pdf(1.87 MB) Additional Information: [full citation](#), [abstract](#), [references](#)

Most SDEs are either *integrated toolsets* or *process-based environments*. Process-based environments have obvious advantages in support for the development process, while integrated toolsets have advantages in usability and convenience. By integrating the two approaches, the benefits of both are obtained. Direct integration, however, is not always possible, because the process engine's integration mechanism may conflict with that of the toolset. The solution is to center the environme ...

16 Session 2: An accelerated remote graphics architecture for PDAS

Fabrizio Lamberti, Claudio Zunino, Andrea Sanna, Antonino Fiume, Marco Maniezzo

March 2003 **Proceeding of the eighth international conference on 3D Web technology**

Full text available:  pdf(13.98 MB) Additional Information: [full citation](#), [abstract](#), [references](#)

A new category of devices, known as Personal Digital Assistant (PDA), has become increasingly widespread since the end of the nineties. A large number of software applications have been developed for PDAs, but high-quality 3D graphics still remain beyond the computational capability of these devices. This paper tackles this issue by proposing a generic solution for hardware-accelerated remote rendering on cluster. The rendering task is submitted to a PC/workstation cluster (each cluster machine i ...

17 Service applications: Implementing integrated services of networked home appliances using service oriented architecture

Masahide Nakamura, Hiroshi Igaki, Haruaki Tamada, Ken-ichi Matsumoto

November 2004 **Proceedings of the 2nd international conference on Service oriented computing**

Full text available:  pdf(2.34 MB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

This paper presents a method to implement integrated services of networked home electric appliances, which provide more convenient and comfortable living for home users. The conventional methods generally employ a home server to achieve the integrated services. The server controls all the networked appliances in a centralized manner. However, as the number of sophisticated appliances increases, the centralized server suffers from the concentration of load, as well as a decline in the reliabil ...

Keywords: home network system, implementation, reliability, service oriented architecture

18 Ubiquitous computing (UC): Fluid: supporting a transportable and adaptive web service

I Made (Dennis) Pratistha, Arkady Zaslavsky

March 2004 **Proceedings of the 2004 ACM symposium on Applied computing**

Full text available:  pdf(248.22 KB) Additional Information: [full citation](#), [abstract](#), [references](#)

Web services introduce new capabilities in the distributed application development model. This model is built on widely used internet standards, thereby presenting interoperability among different platforms. However, there are still several restrictions within the current standards, for instance, lack of the capability to react swiftly given poor-performance or

requirements of maintenance on the host that is executing the web service. This paper proposes a nomadic and resource-aware web service ...

Keywords: Web service, code mobility, context aware

19 A framework for developing and managing objects in a complex simulation system

James D. Barrett

December 1997 **Proceedings of the 29th conference on Winter simulation**


Full text available:  pdf(558.56 KB) Additional Information: [full citation](#), [references](#), [index terms](#)



20 Controlling the robots of Web search engines

J. Talim, Z. Liu, Ph. Nain, E. G. Coffman

June 2001 **ACM SIGMETRICS Performance Evaluation Review , Proceedings of the 2001 ACM SIGMETRICS international conference on Measurement and modeling of computer systems**, Volume 29 Issue 1

Full text available:  pdf(686.42 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)



Robots are deployed by a Web search engine for collecting information from different Web servers in order to maintain the currency of its data base of Web pages. In this paper, we investigate the number of robots to be used by a search engine so as to maximize the currency of the data base without putting an unnecessary load on the network. We adopt a finite-buffer queueing model to represent the system. The arrivals to the queueing system are Web pages brought by the robots; service corresponds ...

Keywords: Markov decision process, Web search engines, queues, web robots

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